APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office			
Returned to applicant for correction			
Corrected application filed			
Map filed			
The applicant Geothermal Development Associates			
251 Ralston St. , of Reno Street and No. or P.O. Box No. City or Town			
Nevada 89503 , hereby make application for permission to appropriate the public State and Zip Code No.			
waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a			
copartnership or association, give names of members.) November 28, 1978, Nevada			
1. The source of the proposed appropriation is ground water Name of stream, lake, spring, underground or other source			
accord foot			
2. The amount of water applied for is 1.0 One second-foot equals 448.83 gals. per min. second-feet			
(a) If stored in reservoir give number of acre-feet			
3. The water to be used for Industrial Purposes (geothermal power generation) Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.			
4. If use is for:			
(a) Irrigation, state number of acres to be irrigated			
(b) Stockwater, state number and kinds of animals to be watered			
(c) Other use (describe fully under "No. 12. Remarks") geothermal power generation			
(d) Power:			
(1) Horsepower developed			
(2) Point of return of water to stream			
5. The water is to be diverted from its source at the following point From a well within the NE½ SE½ of Describe as being within a 40-acre subdivision of public			
Sec. 29, T 18 N., R. 20 E., M.D.M., Nev. on a tangent 1311.00', bearing N 14 37' survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated. OO''E, to the East 4 corner of said Sec. 29.			
6. Place of use Portions of SE/4 NE/4 SE/4 Sec. 29 T. 18 N. R. 20 E. M.D.B. & M. Describe by legal subdivision. If on unsurveyed land, it should be so stated.			
Describe by legal subdivision. If on unsurveyed land, it should be so stated. Nevada			
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7. Use will begin about January 1 and end about December 31, of each year. Month and Day Month and Day			
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and			
specifications of your diversion or storage works.) Existing well, pump and motor (PW-2) State manner in which water is to be diverted, i.e. diversion structure, ditches and			
flumes, drilled well with pump and motor, etc.			
9. Estimated cost of works			

10.	Estimated time required to construct works	If well completed, describe works.		
	Completion of Work, permit #47369			
	, F			
11.	11. Estimated time required to complete the application of water to beneficial use three years			
12.	12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or an consumptive use.			
	This well will be one of two or more geothermal production wells having a total			
diversion of up to twelve (12) cfs; consumptive use will be about 1.6 cfs i				
		(1065 ac-ft per year); the balance (10.4		
cfs) will be reinjected into the geothermal reservoir by means of injection well Please use map filed under permit #47366.				
		s/ G. Martin Booth		
		By GEOTHERMAL DEVELOPMENT ASSOCIATES		
		s/ G. Martin Booth III		
Con	mpared pm/bc ab/se	251 Ralston St.		
_		Reno, NV 89503		
Pro	tested			
				
	APPROVAL	OF STATE ENGINEER		
1		lication, and do hereby grant the same, subject to the followng		
ıım	itations and conditions:			
2mour		xisting rights. It is understood that the is only a temporary allowance and that the		
		will be dependent upon the amount actually		
		nderstood that this right must allow for a		
		and heat. The well shall be equipped and		
		thermal fluid. Accurate measurements must		
		and the amount of fluid injected into the		
_		mount of fluid diverted and consumed for a		
benef	icial use.			
** *		e to be cemented from the producing levels		
	-	nes. This permit is issued subject to the e to be diverted and used beneficially for		
	ng purposes and fresh, cold water	-		
	nermal fluids are to be returned			
		requirements that the permit holder obtain		
		local agencies. A detailed log on the		
(CON	INUED ON PAGE 2)			
The	amount of water to be appropriated shall be limited to	the amount which can be applied to beneficial use, and not to		
exc	eedubic	feet per second.:		
		•		
Wo	ek must be programted with resconship diligence and be			
Work must be prosecuted with reasonable diligence and be completed on or before				
Pro	of of completion of work shall be filed on or before	July 16, 1994		
App	Application of water to beneficial use shall be made on or before June 16, 1995			
T-1-16 1005				
Рго	Proof of the application of water to beneficial use shall be filed on or beforeJuly 16, 1995			
Map in support of proof of beneficial use shall be filed on or before				
Completion of work filed. SEP 0 2 1994 IN TESTIMONY WHEREOF, I. R. MICHAEL TURNIPSEED, P.E.				
State Engineer of Nevada, have hereunto set my hand and the seal of my				
Proc	f of beneficial use filed	:		
<u></u> -		e, this 21st- day of May		
Cult	ural map filed	93		
C	ificate NoIssued	19.93		
cert	incac 140ssued	Mulas I mille		
		State Engineer		
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(PERMIT TERMS CONTINUED)

injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

The total withdrawal of the geothermal fluid under Permits 47367, 47368, 47369, 51007, 51008 and 51009 shall be limited to 7963 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 579 acre-feet annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

The total combined diversion rate under Permits 47367, 47368, 47369, 51007, 51008 and 51009 shall be limited to 11.0 cubic feet per second.

Monthly records for this well shall be kept of the amount of geothermal fluid diverted, injected and consumed to a beneficial use and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

